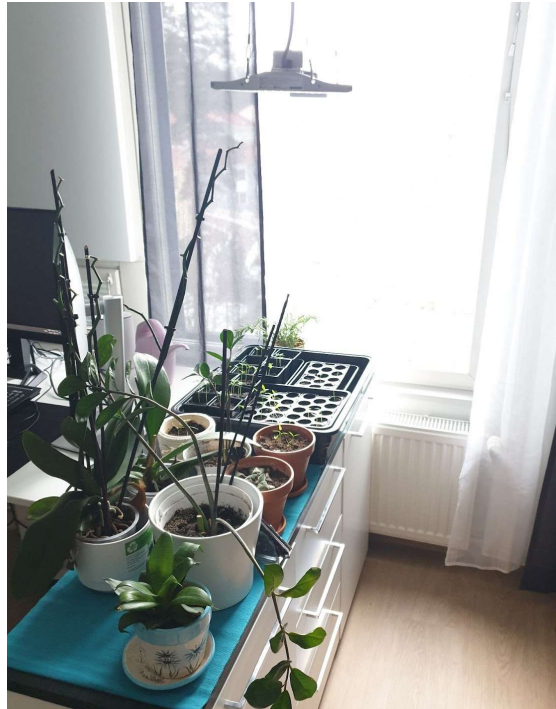


# Interview 1.2.2023



## Background

Interviewee is a student at Helsinki University. They are a very casual plant hobbyist who likes the atmosphere of plants and likes following the growth of their plants.

## Key takeaways

- The interviewee has experience with growing plants, with 8 potted plants and 52 chili plants at home.
- The plants consist mainly of green plants and a few orchids.
- The interviewee currently uses a plant cultivation lamp and a propagation system but faces challenges in maintaining healthy plants and finding good plant cultivation advice.
- The interviewee expresses interest in new technology for plant cultivation but is not very tech-savvy and may not be willing to invest effort in using new equipment.
- The interviewee mentions a watering system used by their parents, which assesses watering needs, as an example of a technology they are familiar with.
- A common challenge in plant cultivation is accurately assessing watering needs, as plants can die from either too much or too little water.
- Interviewee would be interested in both enclosed and unenclosed devices but would prefer enclosed if the side panels could be put down or taken off during the summer for example.
- Frustrating when a plant suddenly becomes unhealthy and I don't know what caused it.

# Translated transcript

A: Have you worked or studied plant cultivation before?

B: No, I just grow plants at home as a hobby.

A: How many plants do you have at home?

B: I have 8 potted plants and 52 chili plants.

A: What kind of plants do you have at home?

B: I mainly have green plants and a couple of orchids, and one winter bloom plant.

A: Do you use any devices for gardening?

B: I have a grow light and a growth tray at home.

A: What is your weekly plant cultivation routine?

B: I water them if I remember or if they need it that week.

A: Are there any challenges you face in gardening?

B: Currently, some of my plants are getting droopy and I'm not sure what to do for them. It can be frustrating when a plant suddenly becomes unhealthy and I don't know what caused it.

A: Are you interested in using new technology for gardening?

B: I could find it interesting, but I'm not very high-tech when it comes to gardening, so I probably wouldn't put in the effort to get and learn how to use a new device.

A: Have you heard of any technology for gardening that you might be interested in using?

B: Not really.

A: Have you had any experience with a particular technology in gardening?

B: No, but my parents have used a system that moisturizes the soil through a string when they go on longer trips.

A: What are some common problems you face in gardening?

B: One common problem is trying to determine how much water to give the plants. Plants can die from either getting too much or too little water.

# Notes take during the interview

1. How are you doing today?
2. Introduction to our project and walkthrough of the interview...
3. Ask permission to record.

Audio

4. Have you studied plant cultivation or something similar? Or have you had any jobs  
No

5. where you have worked with plants? If yes, can you specify.

6. How many plants do you have inside your home? (approximately) (if none skip to question 10)  
8 ruukku kasvia noin 50 chilin taimea

7. What kind of plants do you grow/have?  
Viherkasveja

8. Do you use any devices for plant cultivation? What are they? (e.g. separate light source or a software for tracking plant characteristics)

9. Can you walk me through your weekly plant care routines?  
Kastelen kun muistan/ on tarvetta

10. What are the problems or challenges you currently face in plant cultivation? Anything that frustrates you with plant cultivation?  
meinaa nuutua  
kuivua kasaan  
harmittaa kun kasvi menee yhtäkkiä kuolee sille ettei tiä mistä se johtu, vaikee löytää oheita

11. Would you be interested in using a device for plant cultivation? If yes, what could it be and what would it look like? Can you draw it?  
Ei todennäköisesti.  
Automaatti kastelija. Hoitais kastelun

12. Do you have experience with any specific technology that we could use in the device?  
Ei. Ruukusta vettä langan kautta matkan ajaksi

13. Do you have knowledge of any practical needs that our device could solve?  
EMT. Auto kastelu

14. Would you be interested in a fully enclosed device or something that you could easily use for the existing pots/flowerbeds? Or do you have any other suggestions?

Pot system easier

Not enclosed but maybe enclosed if panels could be put off

15. One of our ideas is a fully automated plant cultivation terrarium. It could regulate temperature, humidity, light levels, and automatically water the plant/plants. It would also be possible to control the device with a web application. What do you think of the cultivation terrarium idea? Would you use it and for which plants?

10:30

16. What features or functions would you expect from a device we develop?

Kyky tunnistaa milloin kasvi tarvitsee vettä

valo olosuhteet

17. What features would you consider to be not useful?

Kasvien kastelu

Appi

18. Do you have any other comments or considerations for the device design?

Ei